**Meeting Minutes June 15, 2019**

**EAA Chapter 1167**

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| **Treasurer Report:** Checking Balance $4170.08 |

**Old Business:**

* Some things that we can do to build our chapter. We still need to have a flight advisor.
* We nominated Carl as our Tech advisor and he accepted the position.
* Need to find a candidate for the Air Academy. Age 16,17,18 that can go through our vetting process.

**New Business:**

* We want to set up a young eagles rally beyond the fly-in activities.
* Initial planning for the Fall fly-in for the first Saturday in November.
* What can we do to help someone with the funds we have in our coffers.
  + We need a recommendation and approval process.

**Main Discussion:**

* Larry H. going to help run the air academy. Should be back for the August meeting.
* Challenges of flying in and out of Airventure.
* 3D printing update from Ron: There is now chopped carbon fiber filiment for significantly stronger final parts.
* Aircraft insurance through EAA is considerably cheaper than other sources. The insurance is offered through Falcon insurance.
* FAA considering aircraft owner maintenance to help relieve the AI shortage for GA aircraft. They allow that in Canada with a certification similar to our repairman's certificate.

**Tech Talk:**

* Doug put together a talk about how alternators work to generate electricity, how they convert that alternating current into direct current, and most importantly how to fix one when it goes out on you. Hint, the brushes have probably gone bad.
* The magic of the rectifier takes the top half of the sine wave from each one of the alternator coils and lays the tops of each, slightly out of phase, to closely approximate a steady direct current voltage.

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| **Officers present:** | **Members / Guests present:** | |
| Larry Howell, President  Ron Heidebrink, Vise President  Duane Drisko, Treasurer  Jesse Hyman, Secretary  Dennis Scott, Webmaster | Doug Floyd  Larry Vaught  Andrew Vaught  Warren Sutton | Carl Knuth  Jim Kelly  Doug Euing  +1 visitor |